



Product Selection Guide

Cell Culture Solutions

Millicell® Inserts & Sterile Filtration

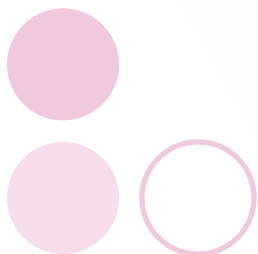


Continuing Innovation in Membrane-Based Cell Culture


Millipore has been developing innovative research tools for over 50 years. Since revolutionizing *in vitro* cell culture in the 1950s with the introduction of the first microporous membrane, we've expanded our line to include hundreds of high quality products.

The Millicell family of membrane-based cultureware now includes single-well standing and hanging inserts, as well as 24- and 96-well cell culture insert plates, with the most extensive membrane selection available.

We also provide a variety of sterile filtration tools to use with your cell culture media. Whether you need to filter 1 mL or 10 L, we offer a device with the speed and recovery that you need.



Millicell Inserts and Plates

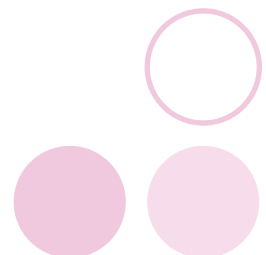
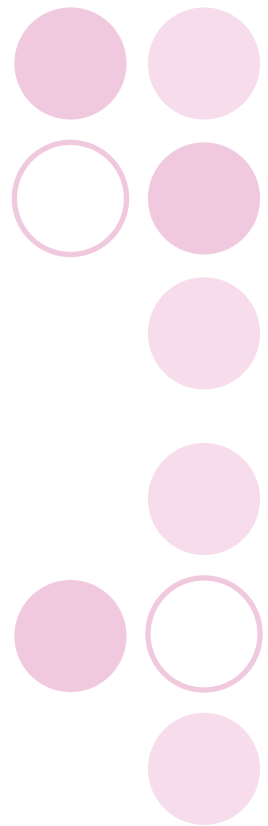
Device	Format	
Single well Standing & Hanging Inserts (Page 6)	6-, 12-, and 24-well Cell Culture Inserts	
Multi well Insert Plates (Page 8)	24- and 96-well Cell Culture Insert Plates	

Lab Filtration Vacuum- and Pressure-Driven Devices

Device	Maximum Process Volume	
Stericap® Filter Units (Page 13)	150, 250, 500 or 1000 mL	
Steritop® Filter Units (Page 13)	150, 250, 500 or 1000 mL	
Steriflip® Filter Units (Page 14)	50 mL	
Stericap™ PLUS Filter Units (Page 14)	2 to 10 L	
Millex® Syringe Filters (4, 13, 25, 33 mm) (Page 15)	1, 10, 100-200 mL	

Additional Products for Use in Cell Culture

Device	Format
Multiscreen MESH System (Page 16)	20, 40, 60, and 100 µm Pore Sizes
Fast-Trap Virus Purification and Concentration Kits (Page 16)	All Inclusive Kit
Stem Cell Research Antibodies (Page 16)	Variety to choose from



Millicell Cell Culture Plates and Inserts

THE MILLICELL CELL CULTURE ADVANTAGE

Millicell cell culture inserts promote natural cell growth and incorporate unique design features to improve flexibility in today's labs. Unlike cells grown on plastic plates, membrane-supported cell cultures are shown to mimic more natural cell behavior and demonstrate improved growth, structure, and function. They have improved differentiation, more intracellular organelles, and higher cell densities.

Regular plastic tissue culture plates only allow cells to access media from their apical side. With Millicell microporous inserts, cells are given a three dimensional environment in which they can access media from both the apical and basolateral sides, resulting in improved cell morphology.



Optimize Your Research

Millipore offers the largest selection of microporous membrane-based cell culture inserts. Today's Millicell family includes single well standing and hanging inserts, as well as 24- and 96-well cell culture systems. These products are compatible with imaging systems, as well as all tests for cell viability and monolayer integrity, including lucifer yellow, transepithelial electrical resistance (TEERS), and sodium fluorescein.

For optimal assay results, begin by selecting a Millipore membrane based on your application needs and membrane properties.

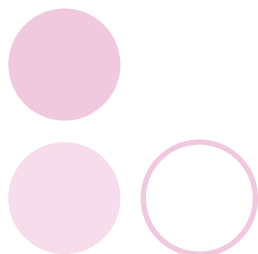
MEMBRANE PROPERTIES

Characteristics	HA	CM	PCF	PET
Microscopically Transparent	No	Yes	No	1 μm only
Tissue Culture Treated	No	No	Yes	Yes
Membrane Thickness	120 μm	50 μm	10 μm	10 μm
Matrix/ECM Coatable	Yes	Yes	Yes	Yes

APPLICATION GUIDE

Filter Code (Recommended Pore Size)

Application	Millicell Standing Insert (pore size, μm)	Millicell Hanging Insert (pore size, μm)	Millicell 24-well Plate (pore size, μm)	Millicell 96-well Plate (pore size, μm)
Angiogenesis	PCF (3, 8)	PET (3, 5, 8)	PET (3, 5, 8)	Multiscreen® MIC Plate (3, 5, 8)
Cell Proliferation	PCF (0.4)	PET (0.4, 1)	PCF (0.4) PET (1)	PCF (0.4) PET (1)
Cell Surface Receptors	PCF (0.4) CM (0.4) HA (0.45)	PET (0.4, 1)	PCF (0.4) PET (1)	PCF (0.4) PET (1)
Chemotaxis	PCF (3, 8)	PET (3, 5, 8)	PET (3, 5, 8)	Multiscreen MIC Plate (3, 5, 8)
Co-culture	PCF (0.4) CM (1)	PET (0.4, 1)	PET (1) PCF (0.4)	PCF (0.4) PET (1)
Migration Invasion	PCF (8, 12)	PET (5, 8)	PET (5, 8)	Multiscreen MIC Plate (5, 8)
Epithelial Cell Growth	PCF (0.4) HA (0.45)	PET (0.4, 1)	PCF (0.4) PET (1)	PCF (0.4) PET (1)
Feeder Layers	PCF (0.4, 3, 8)	PET (All)	PCF (All) PET (1)	PCF (0.4) PET (1)
Fluorescent Detection/ Immunohistochemistry	PCF (All) CM (0.4)	PET (All)	PCF (All) PET (1)	PCF (0.4) PET (1)
<i>In Vitro</i> Fertilization	CM (0.4)	PET (1)	PET (1)	PET (1)
<i>In Vitro</i> Toxicology	PCF (0.4) CM (0.4) HA (0.45)	PET (0.4, 1)	PCF (0.4) PET (1)	PCF (0.4) PET (1)
Microbial Attachment	PCF (0.4) CM (0.4) HA (0.45)	PET (0.4, 1)	PCF (0.4) PET (1)	PCF (0.4) PET (1)
Organotypic	Organotypic (0.4)			
Phase Contrast Microscopy	CM (0.4)	PET (1)	PET (1)	PET (1)
Polarized Protein Secretions	PCF (0.4) CM (1)	PET (0.4, 1)	PCF (0.4) PET (1)	PCF (0.4) PET (1)
Polarized Uptake	PCF (0.4) CM (0.4) HA (0.45)	PET (0.4, 1)	PCF (0.4) PET (1)	PCF (0.4) PET (1)
Transport/Permeability	PCF (0.4)	PET (0.4, 1)	PCF (0.4) PET (1)	PCF (0.4) PET (1)
Tumor Cell Metastasis and Invasion	PCF (8, 12)	PET (5, 8)	PET (5, 8)	Multiscreen MIC Plate (5, 8)



Filter Codes

Code	Membrane Type	Membrane Material
CM	Biopore™	Hydrophilic PTFE
HA	MF-Millipore™	Mixed cellulose esters
PCF	Isopore™	Polycarbonate
PET	PET	Polyethylene terephthalate

Single Well Cell Culture Inserts

Individual Millicell cell culture inserts provide a great amount of user flexibility in the number of samples to run at one time. The inserts are available for 24-, 12- and 6-well plates. They are easily prepared for SEM and TEM, and are compatible with cellular and fluorescent stains.

- Membrane-based design promotes more natural cell behavior than plastic plates
- Unique design allows cells to access media from both the apical and basolateral sides
- Choose from the widest range of membrane-based devices

Millicell Standing Inserts

For excellent cell growth and easy cell studies

The original Millicell standing cell culture inserts are available with three different membrane types, including the Biopore (PTFE) membrane, the MF-Millipore (mixed cellulose esters) membrane, and the Isopore™ (polycarbonate) membrane.

Millicell Hanging Inserts

For co-culturing, permeability assays, or frequently handled inserts

A unique design allows easier basolateral access than other hanging inserts with less risk of contamination. The inserts are available in 5 pore sizes and 3 diameters, including a 1 μm pore size that is optically transparent for better visualization by microscopy.

Millicell Organotypic Inserts

For high cell viability and superior study of three-dimensional explant structure

These standing inserts have a lower wall, so they are easy to manipulate and can fit inside a standard petri dish. The Biopore (PTFE) membrane provides high viability—for as long as 40 days—and excellent trans-membrane oxygen transport. The membrane is optically clear and optimized for long-term organotypic explant maintenance.

Multiwell Receiver Plates

Tissue culture treated solid bottom receiver plates designed to work with our Millicell single well inserts are available in 6-, 12-, and 24-well formats. They are manufactured from clear virgin polystyrene, and are supplied sterile and non-pyrogenic. The well design and low evaporation lids with condensation rings reduce the risk of cross-contamination.



MEMBRANE TYPES AVAILABLE

Biopore Membrane (Hydrophilic PTFE)*

For low protein-binding, live cell viewing, and immunofluorescent applications

Biopore membrane exhibits little or no background when using fluorescent stains compared to other membrane matrices. Provides optimum viewing of live cells through the transparent Biopore membrane.

MF-Millipore Membrane (Mixed Cellulose Esters)

For exceptional anatomical and functional polarization and growth of attachment-dependent cells without tissue culture treatment or ECM coating

The Triton®-free, mixed cellulose esters membrane can be used for cell surface receptor, *in vitro* toxicology, microbial attachment and polarized uptake assays. Compared to plastic, cells had higher densities and a more cuboidal morphology.

Isopore Membrane (Polycarbonate)

For growth of attachment-dependent cells without ECM coating

The hydrophilic polycarbonate membrane is tissue culture treated to allow growth of attachment-dependent cells without the use of extracellular coating matrix (ECM). It is especially recommended for transport/permeability applications. The inserts are available in 5 pore sizes.

PET (Polyethylene Terephthalate) Membrane

For growth of attachment-dependent cells without ECM coating

This track-etched, thin film membrane is translucent or microscopically transparent for better cell visualization and monitoring of the cell monolayer. It is tissue culture treated to promote cell attachment and growth.

*Requires ECM coating for attachment dependent cells.



ORDERING INFORMATION

Millicell Single Well Hanging Inserts (48 per pack)

Membrane	Pore Size	Device Size	Catalogue No.
PET Insert PET	0.4 µm	6 well	PIHT 30R 48
	1 µm		PIRP 30R 48
	3 µm		PISP 30R 48
	5 µm		PIMP 30R 48
	8 µm		PIEP 30R 48
	0.4 µm	12 well	PIHT 15R 48
	1 µm		PIRP 15R 48
	3 µm		PISP 15R 48
	5 µm		PIMP 15R 48
	8 µm		PIEP 15R 48
	0.4 µm	24 well	PIHT 12R 48
	1 µm		PIRP 12R 48
	3 µm		PISP 12R 48
	5 µm		PIMP 12R 48
	8 µm		PIEP 12R 48

Millicell Single Well Standing Inserts (50 per pack)

Membrane	Pore Size	Device Size	Catalogue No.
Organotypic Insert** Biopore (PTFE)	0.4 µm	6 well	PICM ORG 50
		24 well	PICM ORG 50
HA Insert MF-Millipore	0.45 µm	24 well	PIHA 012 50
		6 well	PIHA 030 50
CM Insert** Biopore (PTFE)	0.4 µm	24 well	PICM 012 50
		6 well	PICM 030 50
PCF Insert Isopore	0.4 µm	24 well	PIHP 012 50
		24 well	PITP 012 50
		24 well	PI8P 012 50
		24 well	PIXP 012 50
	0.4 µm	6 well	PIHP 030 50

** For adherent cells, this membrane should be coated with an extracellular matrix.

Multi Well Cell Culture Insert Plates

Millicell 24- and 96-well cell culture insert plates are designed to support cell attachment, growth and differentiation in many cell lines including MDCK and Caco-2. The plates are compatible with automated cell seeding, feeding, and washing systems. Unique features such as the apical assist and tear-drop well design provide greater convenience and reproducibility than standard multiwell cell culture insert plates.

- Patented plate design improves cell growth and analysis
- Optimized for user convenience
- Automation compatible

PLATE FEATURES

Apical Assist Protects Cell Monolayer

A small shelf on the inside edge of each well prevents the tip of the pipette from going too far into the apical well and accidentally touching the cell monolayer. (See illustration below.)

Unique Design Prevents Trapped Air

A unique tear-drop well design reduces the chance of air bubbles forming under the filter plate, which can interfere with optimal cell feeding. The single well feeder tray has baffles to reduce media leakage and contamination.

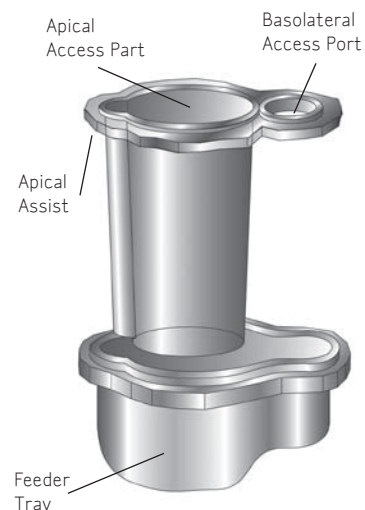
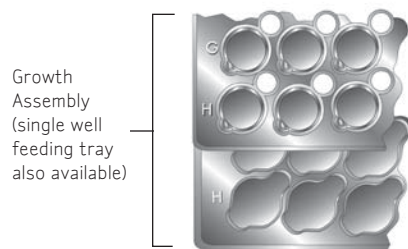
Ports Provide Easy Basolateral Access

Patent-pending apical and basolateral access ports provide contamination-free access to cell monolayers. They also simplify cell feeding, media changes, and sample analysis. Basolateral access ports are especially effective during transport rate analysis as there is no need to disassemble the assay system to sample basolaterally. Each well and basolateral access hole is aligned to facilitate the use of automated probes.

Millicell Multi well Cell Culture Insert Plates

These automation-compatible plates incorporate a patented design to maintain assay integrity and prevent monolayer disruption, contamination, or damage during analysis. The 96-well growth assemblies include a choice of a 96-well or single well feeder trays. The format is also available in a 24-well design.

Top view
(not assembled)



FORMATS AVAILABLE

Millicell-24 Cell Culture Insert Plates

Larger membrane area increases assay sensitivity

Millicell-24 plates have twice the surface area of other 24-well membrane-based plates, so you can increase cell growth and assay sensitivity.

Smaller liquid volumes mean less dilution of transported material

Millicell-24 plates have a recommended 1:2 ratio between the volumes of liquid in the apical and basolateral chambers, as compared to other 24-well inserts that have up to a 1:6 ratio. The smaller differential in Millicell-24 plates results in less dilution of transported material, higher signal, and greater sensitivity.

Millicell-96 Cell Culture Insert Plates

Complete system for cell growth and drug transport experiments

With this complete system, you can grow, feed, and analyze cells in one membrane-bottom plate. The plate can be used with either a single well or a 96-well feeding tray. At the time of transport analysis, the plate is simply transferred to a 96-well transport tray for analysis. This streamlined design enhances compatibility with:

- Seed-and-feed systems
- Most liquid handlers
- Transepithelial electrical resistance (TEER)

Tissue Culture Plates for Cell Growth

Tissue culture treated plates offer a surface which enables most adherent cells to attach and proliferate. The 6-, 12-, and 24-well formats provide users flexibility to run multiple samples simultaneously. These plates can be easily prepared for SEM and TEM, and are compatible with cellular and fluorescent staining procedures. Additionally, TC-treated plates can be used in conjunction with membrane-based Millicell inserts as receiver plates.

Plates are also available precoated with common ECM proteins which have been shown to enhance the growth of more challenging cell lines. It has been shown that anchor-dependent cells growing on ECM undergo more efficient plating, have a higher proliferation rate, reach a higher density, and demonstrate enhanced differentiation potential.

Migration, Invasion and Chemotaxis

The MultiScreen-MIC filter plate provides a reliable, versatile platform for a range of cell-based screening assays including migration, invasion, chemotaxis, co-culture, angiogenesis and transmigration.

Plates are available in a range of pore sizes for assays with suspension and adherent cell lines, and for co-culture and transmigration assays. Results show that the plates demonstrate high assay consistency with little inter-assay variability. The plates are provided sterile to support longer incubation times and allow for assay set up and analysis in the same device.



MultiScreen-MIC filter plates are available in three membrane pore sizes.

- Use with adherent or suspension cells
- Polycarbonate membrane available in 3, 5, and 8 μm pore sizes
- Pre-assembled kits available



ORDERING INFORMATION

Millicell 24-well Cell Culture Insert Plate Assemblies

Membrane	System Components	Membrane Pore Size (µm)	Qty/Pk	Catalogue No.
Millicell-24 cell culture insert plates	24-well cell culture plate, single well feeder tray, 24-well receiver tray and lid	PCF (0.4 µm)	1	PSHT 010 R1
		PET (1.0 µm)		 PSRP 010 R1
		PCF (3.0 µm)		PSST 010 R1
		PCF (5.0 µm)		PSMT 010 R1
		PCF (8.0 µm)		PSET 010 R1
	24-well receiver trays with lids	PCF (3 µm)	5	PSST 010 R5
		PCF (5 µm)		PSMT 010 R5
		PCF (8 µm)		PSET 010 R5
	Single-well feeder trays with lids	PCF (0.4 µm)	5	PSHT 010 R5
		PET (1.0 µm)		 PSRP 010 R5

Accessories

Membrane	Qty/Pk	Catalogue No.
24-well receiver trays with lids	5	PSMW 010 R5
Single-well feeder trays with lids	5	PSSW 010 R5

Millicell 96-well Cell Culture Insert Plate Assemblies

Membrane	Type	Membrane Pore Size (µm)	Qty/Pk	Catalogue No.
Millicell-96 cell culture insert plates	96-well cell culture plate, single-well feeder tray, 96-well receiver tray and lid	PCF (0.4 µm)	1	PSHT 004 R1
		PET (1.0 µm)		PSRP 004 R1
	96-well cell culture plate, 96-well receiver tray and lid	PCF (0.4 mm)	5	PSHT 004 S5
	96-well cell culture plate, single-well feeder tray and lid	PCF (0.4 mm)	5	PSHT 004 R5
PET (1.0 mm)		PSRP 004 R5		
96-well receiver trays with lids			5	MACA COR S5

Millicell Inserts Pre-loaded in 24-well Receiver Plates*

Membrane	Pore Size	Catalogue No.
PET	0.4 µm	PIHT 12L 04
PET	8.0 µm	PIEP 12L 04

*Coming soon. Check with technical service for availability.

Millicell-Treated Tissue Culture Plates

Membrane	Pore Size	Catalogue No.
6-well cell culture plate, tissue culture treated, sterile	50	PIMW S06 50
12-well cell culture plate, tissue culture treated, sterile	50	PIMW S12 50
24-well cell culture plate, tissue culture treated, sterile	50	PIMW S24 50

Milliccoat ECM Precoated Tissue Culture Receiver Plates, Sterile

Description	Coating	Qty/Pk	Catalogue No.
6-well plate with Collagen coating	Collagen Type I	5	PICL 06P 05
24-well plate with Collagen coating	Collagen Type I	5	PICL 24P 05
6-well plate with Poly-D-Lysine coating	Poly-D-Lysine	5	PIDL 06P 05
24-well plate with Poly-D-Lysine coating	Poly-D-Lysine	5	PIDL 24P 05
6-well plate with Fibronectin coating	Fibronectin	5	PIFB 06P 05
24-well plate with Fibronectin coating	Fibronectin	5	PIFB 24P 05

MultiScreen-MIC System

Includes ten (10) 96-well receiver plates housed in single-well trays, with lids. All parts are sterilized.

Description	Pore Size	Qty/Pk	Catalogue No.
MultiScreen-MIC	3 µm	10	MAMI C3S 10
MultiScreen-MIC	5 µm	10	MAMI C5S 10
MultiScreen-MIC	8 µm	10	MAMI C8S 10

Accessories

Description	Qty/Pk	Catalogue No.
Millicell-ERS Volt-Ohm Meter	1	MERS 000 01
Replacement electrodes	1 pair	MERS STX 01

Sterile Filtration Devices

Speed you can count on; recovery you can trust.

DON'T TAKE RISKS WITH YOUR WORK

Eliminating bacteria and other contaminants from cell growth media and additives is crucial to ensuring accurate results.

For over 50 years, Millipore has provided a range of sterile filtration membranes and products that have been optimized to meet all your application needs. Our membranes include the high performance Express PLUS™ membrane, which provides fast flow with low protein binding and saves valuable laboratory time while minimizing the loss of expensive protein based growth additives.

Millipore's line of sterile filtration devices includes pressure and vacuum driven filter units for preparing aqueous solutions from 1 milliliter to 20 liters. Millipore has a device with the speed, low protein binding, and recovery you need.



Stericup and Steritop Filter Units

LOW BINDING


Membranes with low protein binding ensure that key growth factors and proteins won't be absorbed into the filter. Millipore Express® PLUS membrane binds significantly less non-specific protein than other membranes.

INTELLIGENT DESIGN

The Stericup vacuum filtration system can process and store volumes from 150 mL to 1 L. Its new, no-tip/easy-grip flask design and compact profile improve stability during filtration, make gripping the receiver easier, and make Stericup filter units ideal for use in laminar flow hoods. As an added convenience, the bottom of the receiver flask is slightly recessed, enabling capped flasks to be stacked for easy storage.


Stericup Filter Units with Millipore Express PLUS Membrane

Stericup filter devices combine a filter unit with a receiver flask and cap for processing and storage.

Device	Membrane / Application	Pore Size (µm)	Funnel Capacity (mL)	Receiver Bottle (mL)	Qty/Pk	Catalogue No.
 Stericup-GP Filter Units	Millipore Express PLUS (PES) / for filtration of tissue culture media and buffers	0.22	150	150	12	SCGP U01 RE
			250	250	12	SCGP U02 RE
			500	500	12	SCGP U05 RE
			500	1000	12	SCGP U10 RE
			1000	1000	12	SCGP U11 RE
Stericup-VP Filter Units	Millipore Express (PES)	0.1	250	250	12	SCVP U02 RE
			1000	1000	12	SCVP U11 RE

Steritop Filter Units

Steritop bottle-top filter units can be used with bottles that have a 33 mm or 45 mm opening.

Device	Membrane	Pore Size (µm)	Volume (mL)	Qty/Pk	Catalogue No.
 Steritop-GP Filter Units with 33 mm thread	Millipore Express PLUS (PES)	0.22	150	12	SCGP S01 RE
			250	12	SCGP S02 RE
			500	12	SCGP S05 RE
			1000	12	SCGP S10 RE
Steritop-GP Filter Units with 45 mm thread	Millipore Express PLUS (PES)	0.22	150	12	SCGP T01 RE
			250	12	SCGP T02 RE
			500	12	SCGP T05 RE
			1000	12	SCGP T10 RE
Receiver Bottles and Caps with 45 mm thread			150	12	SC00 B01 RE
			250	12	SC00 B02 RE
			500	12	SC00 B05 RE
			1000	12	SC00 B10 RE

Steriflip Filter Units

Filter up to 50 mL Directly into a Centrifuge Tube

- Attach the device to a standard 50 mL centrifuge tube containing your sample, flip it over, and apply vacuum
- Filtrate collects in the attached 50 mL tube
- Available with optional funnel accessory



Device	Membrane	Pore Size (µm)	Qty/Pk	Catalogue No.
Steriflip-GP Filter Unit	Millipore Express PLUS (PES)	0.22	25	SCGP 005 25
Steriflip-GV Filter Unit	Durapore® (PVDF)	0.22	25	SE1M 179 M6
Steriflip-HV Filter Unit	Durapore (PVDF)	0.45	25	SE1M 003M 00
Steriflip Steri-Strainer NEW	Nylon Net	100	25	SCNY 001 00
		60	25	SCNY 000 60
		40	25	SCNY 000 40
		20	25	SCNY 000 20

Stericap PLUS Filter Units

Universal Bottle-top Device for Filtering 2 to 10 Liters

- Ideal for fast sterilization of tissue culture media, serum, buffers, or other biological solutions
- Fits on any vacuum-rated bottle 20 to 67 mm diameter
- Features fast-flowing, low protein binding Millipore Express PLUS membrane



Device	Membrane	Pore Size (µm)	Qty/Pk	Catalogue No.
Stericap PLUS Filter Unit	Millipore Express PLUS (PES)	0.22	10	SCGP CAP RE

Millex Syringe Filters

Millex syringe filters provide convenient sterilization of small volumes and are ideal for solutions such as antibiotics and tissue culture additives. Their unsurpassed quality and consistency of results has led to the creation of many sample preparation methods that specify Millex filters.

Manufactured for Reliable Performance

Manufacturing occurs in a controlled environment using an automated process. Sterile devices are provided with a certificate of quality.

Faster Flow Rate

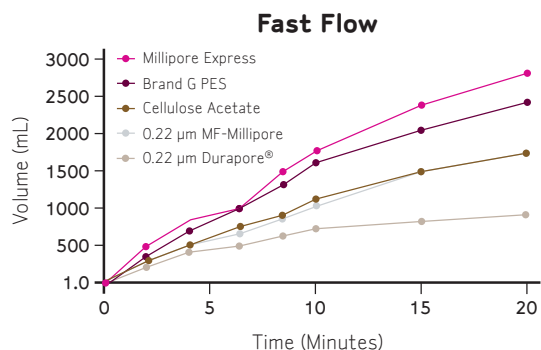
33 mm Millex filters have 20% more filter surface than 25 mm filters for significantly higher flow rate and throughput.

Higher Operating Pressure

With a maximum housing pressure of 150 psig (10 bar), solutions can be filtered faster.

Low Extractables, Low Binding

A variety of membranes and housings ensure chemical compatibility with a range of samples and solvents.



APPLICATIONS

- Tissue culture media/additives
- Buffers
- Biological solutions

MEMBRANES

- Millipore Express and Millipore Express PLUS (PES) – fast flow and low protein binding



33 mm Diameter

Membrane	Pore Size (µm)	Type	Process Volume	Hold-up Volume (after air purge)	Sterilization Method*	Qty/Pk	Catalogue No.
Millipore Express PLUS (PES) Membrane	0.22	GP	200 mL	< 100 µL	RS	50	SLGP 033 RS
						250	SLGP 033 RB
						1000	SLGP 033 RK
	0.45	HP	200 mL	< 100 µL	RS	50	SLHP 033 RS
						250	SLHP 033 RB

50 mm Diameter

Millipore Express (PES) Membrane	0.22	GP50	4000 mL	< 1 mL	RS	10	SLGP 050 10
		GP50 with filling bell				10	SLGP B50 10

Additional Products for Use in Cell Culture

Multiscreen MESH System

Multiscreen MESH plates provide a complete system for target screening and other applications by evaluating new compounds using multi-cellular organisms as the *in vivo* model. They are routinely used in pharmaceutical and agropharma discovery for assays measuring paralysis, cytotoxicity, and death. They also can be utilized for declumping cells prior to FACS analysis.

Description	Pore Size (µm)	Qty/Pk	Catalogue No.
Multiscreen MESH	20	10	MANM N20 10
	40		MANM N40 10
	60		MANM N60 10
	100		MANM 100 10

New Fast-Trap™ Virus Purification and Concentration Kits

The Fast-Trap Lentivirus, Adenovirus, and Adeno Associated Virus Purification and Concentration Kits contain the reagents, filtration devices, and concentration devices necessary to purify the virus away from cellular contaminants and the expressed recombinant transgene.

Description	Catalogue No.
Fast-Trap Lentivirus Purification and Concentration Kit	FTLV00003
Fast Trap Adenovirus Purification and Concentration Kit	FTAV00003
Fast Trap Adeno Associated Virus (AAV) Purification and Concentration Kit	FTAA00003

Stem Cell Research Antibodies

Millipore offers specific, validated antibodies for embryonic and adult stem cell research. Choose from a wide selection of published antibodies designed to help you isolate and characterize your stem cells.

When ordering antibodies through Fisher Scientific, please add MI to the end of the part number.

Description	Qty/Pk	Catalogue No.	Description	Qty/Pk	Catalogue No.
Anti-Nuclei, clone 235-1	100 µL	MAB1281	Anti-Mitochondria, surface of intact mitochondria, clone 113-1	100 µL	MAB1273
Anti-Nestin, clone rat-401	100 µg	MAB353	Anti-Stage-Specific Embryonic Antigen-3, clone MC-631	100 µg	MAB4303
Anti-Nestin, human, clone 10C2	100 µg	MAB5326	Anti-Oct-4, clone 10H11.2	100 µg	MAB4401
Anti-TRA-1-60, clone TRA-1-60	100 µg	MAB4360	Anti-Oct-4	100 µg	AB3209
Anti-Stage-Specific Embryonic Antigen-4, clone MC-813-70	100 µg	MAB4304	Anti-CD133, clone 13A4	100 µg	MAB4310
Anti-TRA-1-81, clone TRA-1-81	100 µg	MAB4381	Anti-BCRP, clone BXP-21	100 µg	MAB4146
Anti-Nestin	50 µL	AB5922	Anti-TRA-2-49, Liver/Bone/Kidney Alkaline Phosphatase, clone TRA-2-49/6E100 µg		MAB4349
Anti-Stage-Specific Embryonic Antigen-1, clone MC-480	100 µg	MAB4301			
Anti-SOX-2 Monoclonal Antibody	100 µg	MAB4343			

For a complete listing of Millipore antibodies, please visit our website at www.millipore.com.



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